

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087895.D
 Acq On : 11 Jun 2016 1:58
 Operator : UM/SJ
 Sample : H3440-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Jun 11 03:54:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	99137	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	374949	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	140651	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	245843	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	208176	20.00	ng	-0.03
86) Perylene-d12	15.36	264	151010	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	398539	68.73	ng	-0.02
7) Phenol-d6	6.44	99	329068	46.82	ng	-0.03
23) Nitrobenzene-d5	7.38	82	594027	92.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	161432	108.70	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	910928	102.91	ng	-0.03
78) Terphenyl-d14	12.91	244	782506	85.54	ng	-0.03

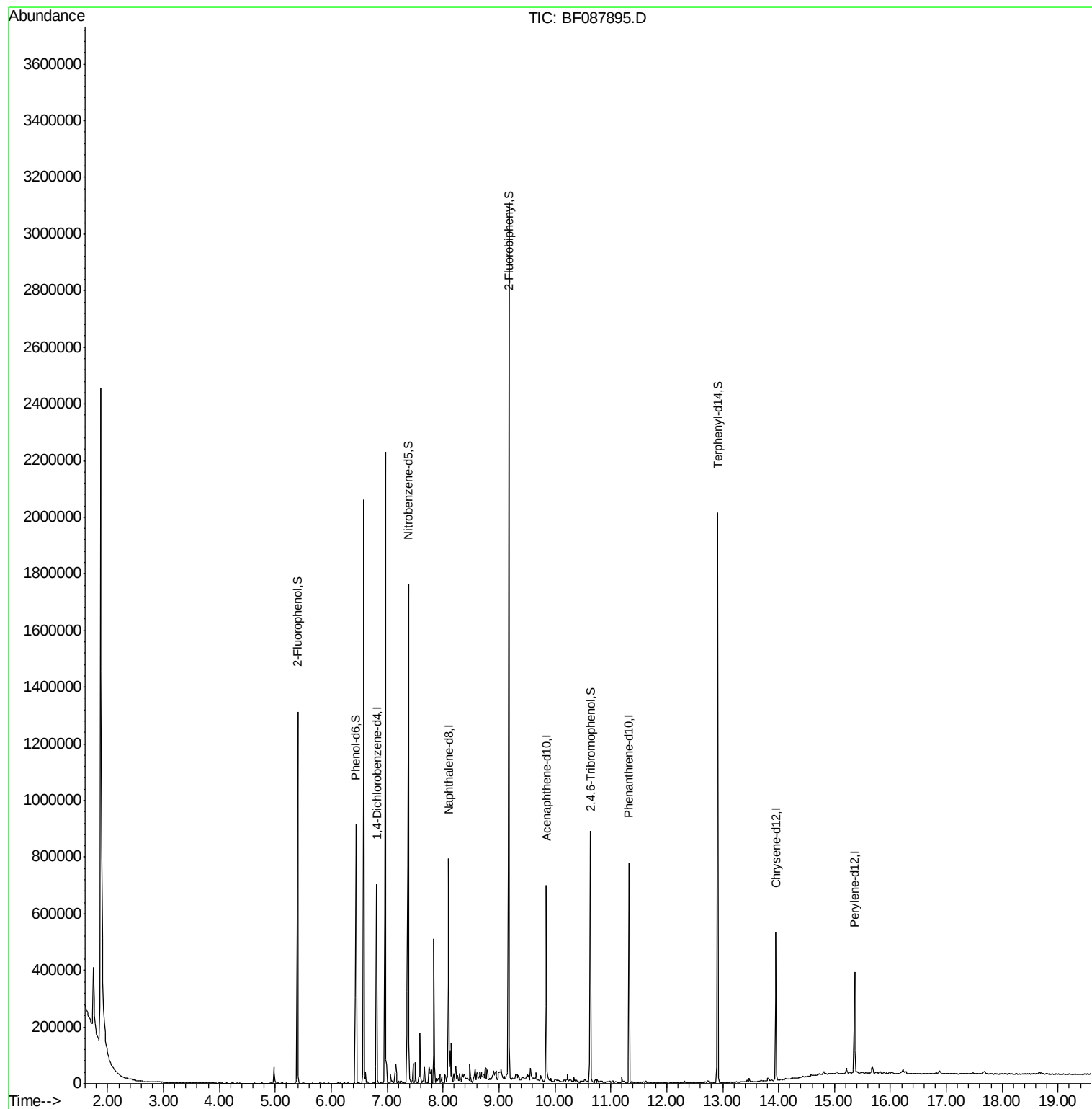
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

Instrument :

BNA_F

ClientSampleId :

W-17

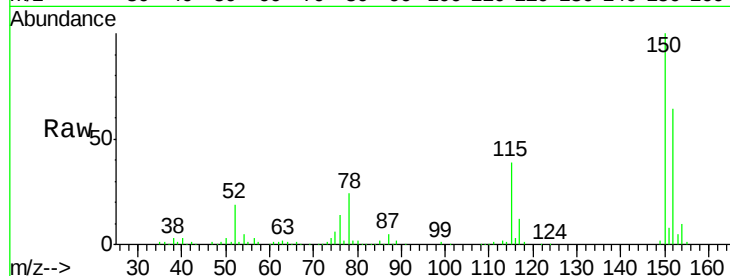
Tot Ion:152 Resp: 99137

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

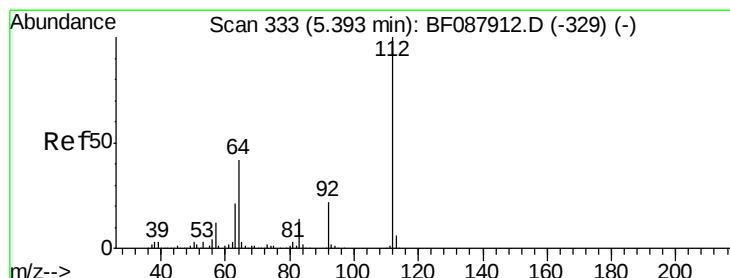
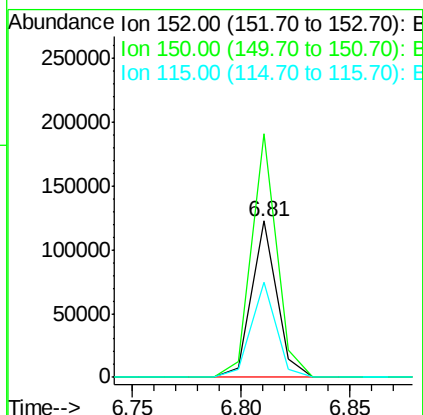
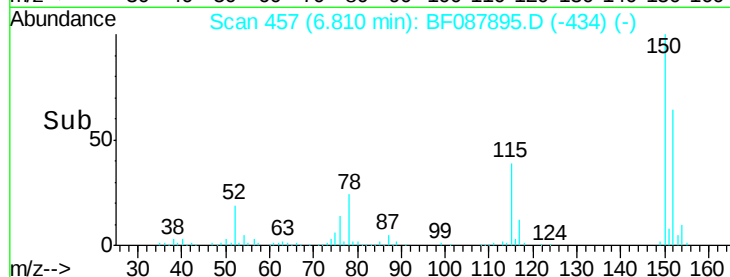
115 60.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 68.73 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

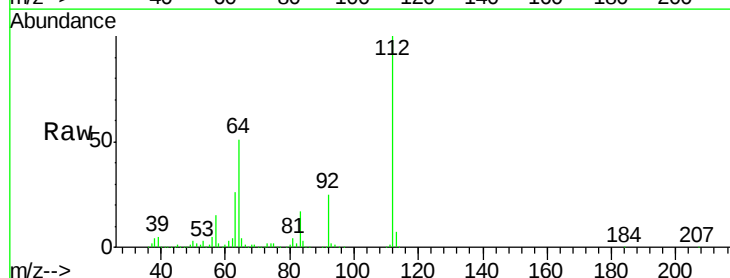
Tgt Ion:112 Resp: 398539

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

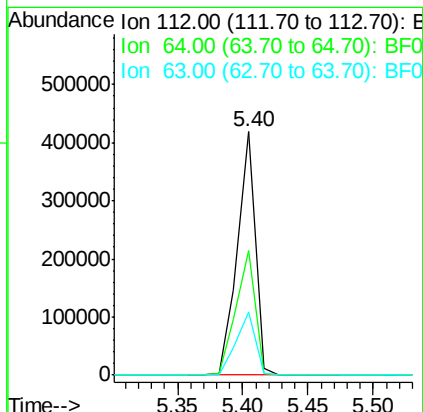
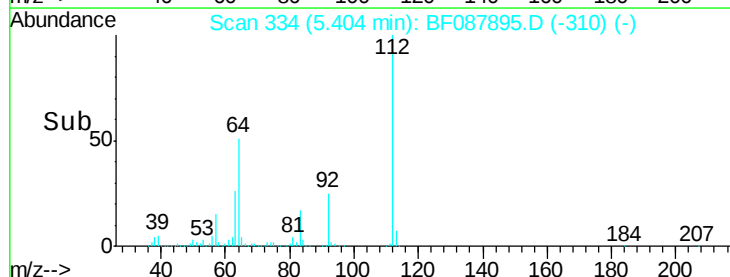
63 26.1 21.8 32.8

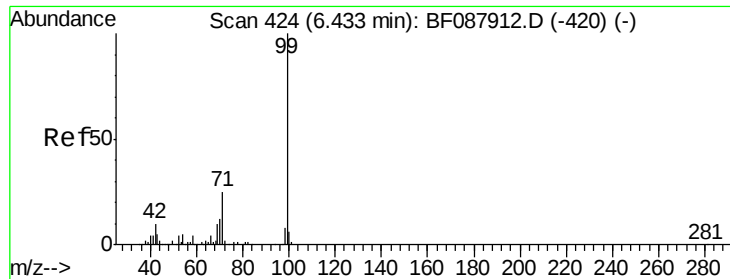


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.82 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

Instrument :

BNA_F

ClientSampleId :

W-17

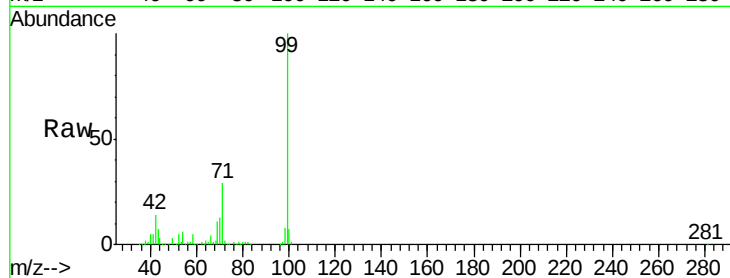
Tot Ion: 99 Resp: 329068

Ion Ratio Lower Upper

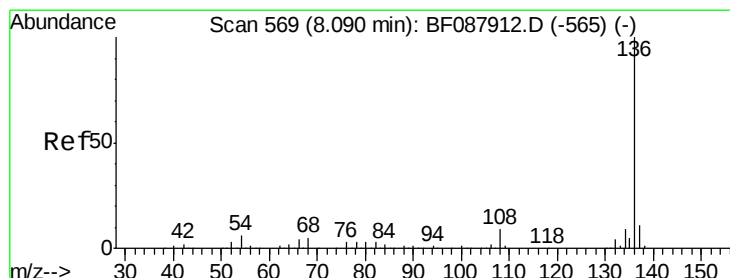
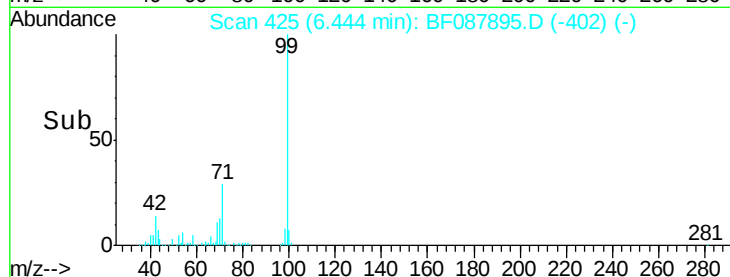
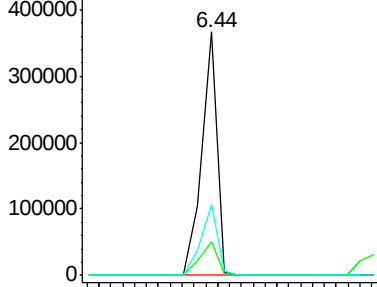
99 100

42 13.9 12.2 18.2

71 29.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

Tgt Ion: 136 Resp: 374949

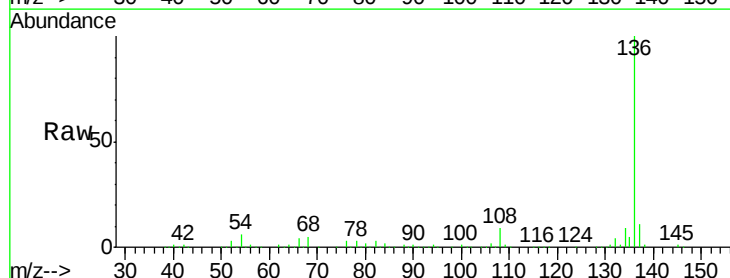
Ion Ratio Lower Upper

136 100

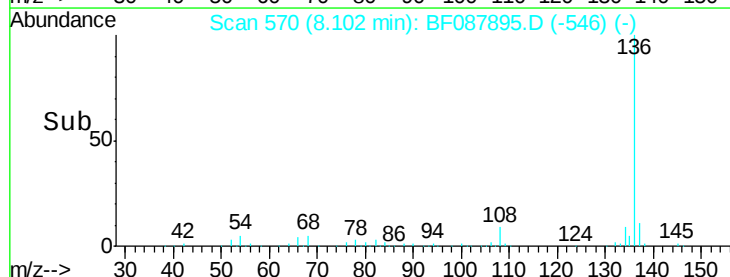
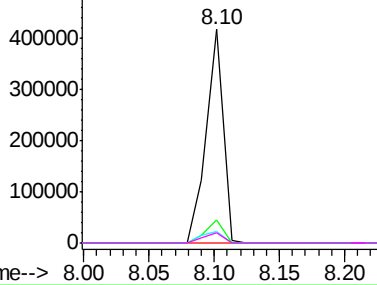
137 10.7 9.1 13.7

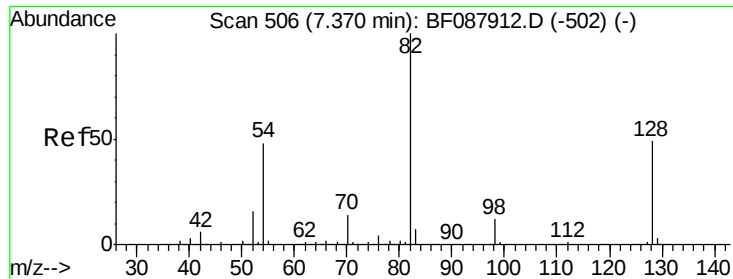
54 5.6 6.6 10.0#

68 4.9 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

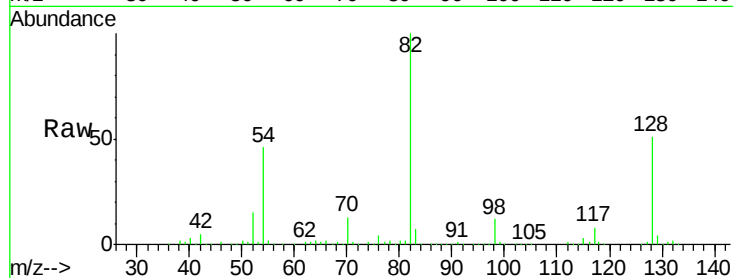




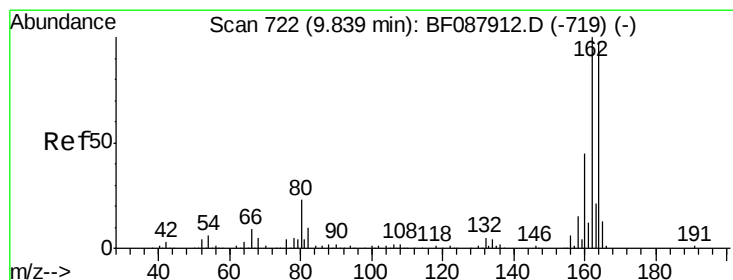
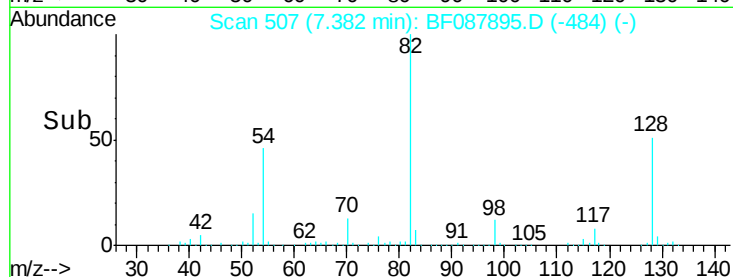
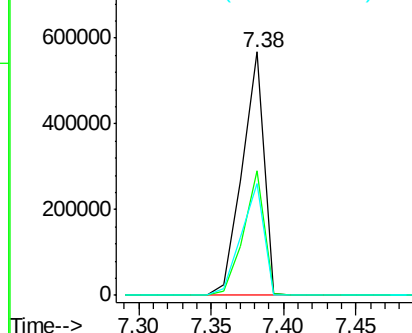
#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tot Ion: 82 Resp: 594027
Ion Ratio Lower Upper
82 100
128 51.0 35.9 53.9
54 45.9 40.9 61.3

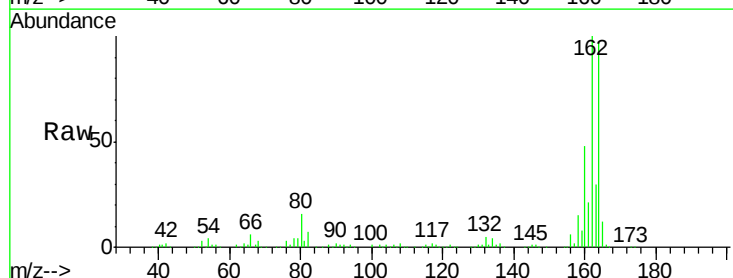


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

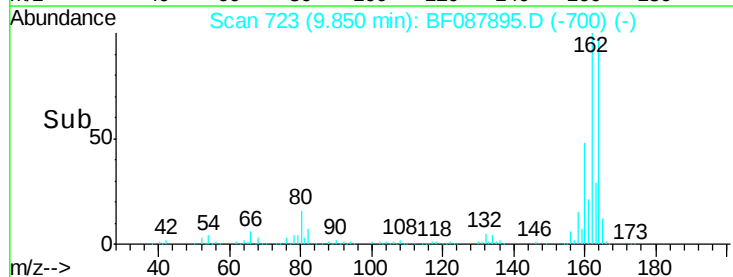
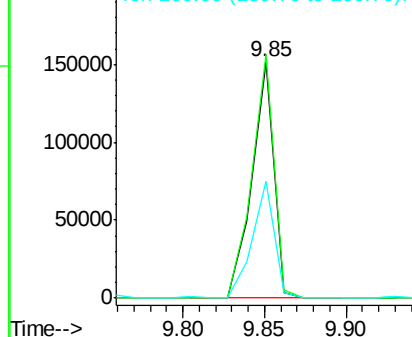


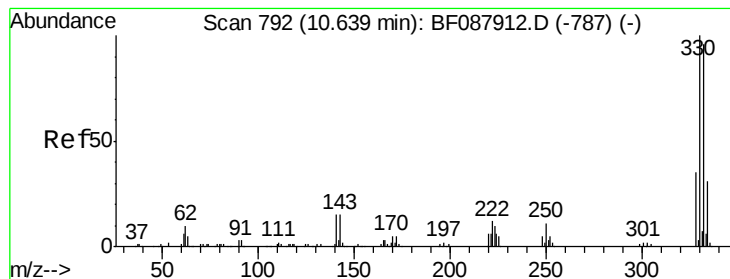
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:164 Resp: 140651
Ion Ratio Lower Upper
164 100
162 103.2 85.4 128.2
160 49.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 108.70 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

Instrument :

BNA_F

ClientSampleId :

W-17

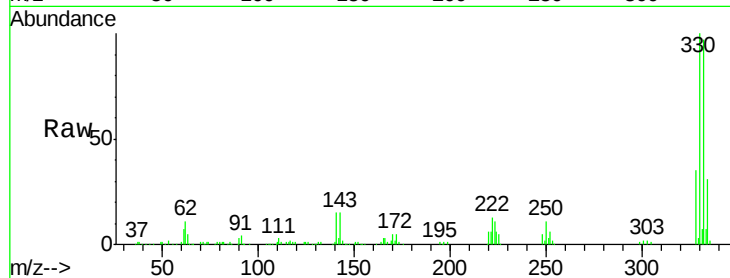
Tot Ion:330 Resp: 161432

Ion Ratio Lower Upper

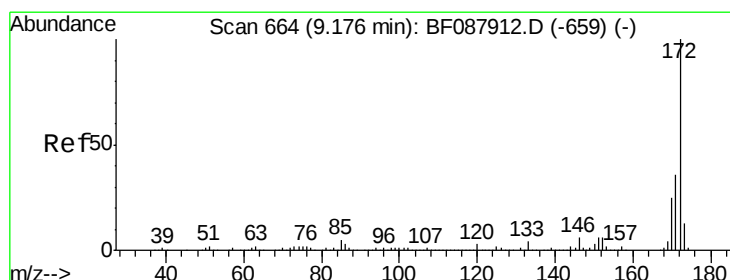
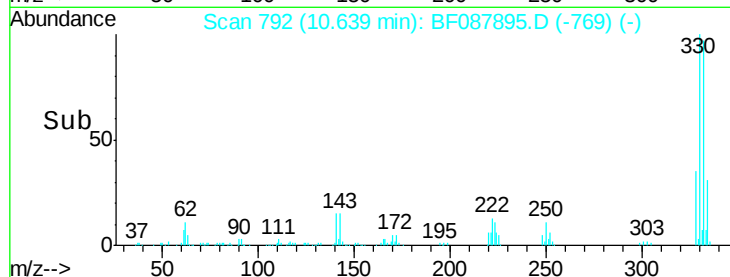
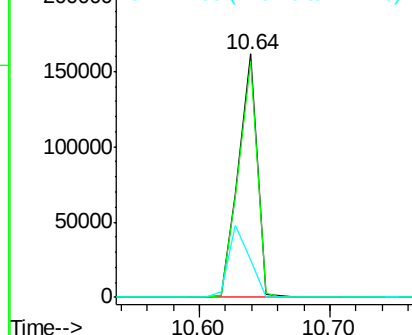
330 100

332 96.9 0.0 0.0#

141 32.9 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 102.91 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF087895.D

Acq: 11 Jun 2016 1:58

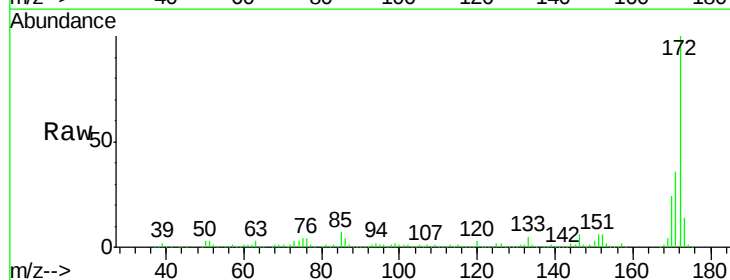
Tgt Ion:172 Resp: 910928

Ion Ratio Lower Upper

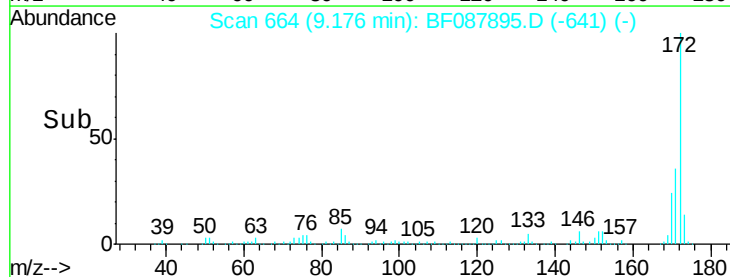
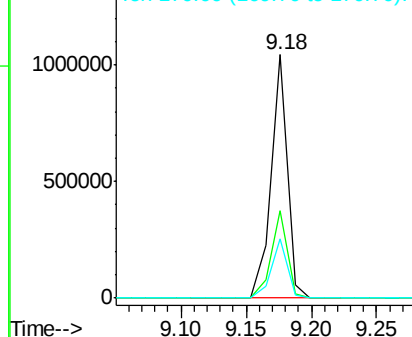
172 100

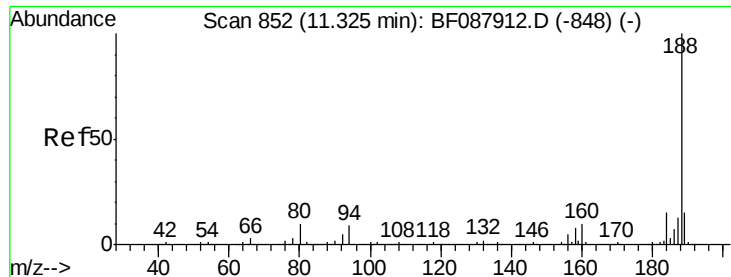
171 36.1 28.6 43.0

170 24.4 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

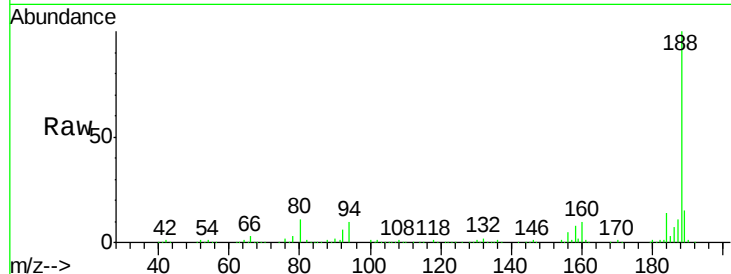




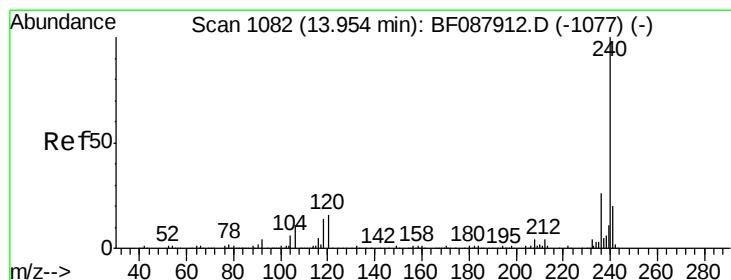
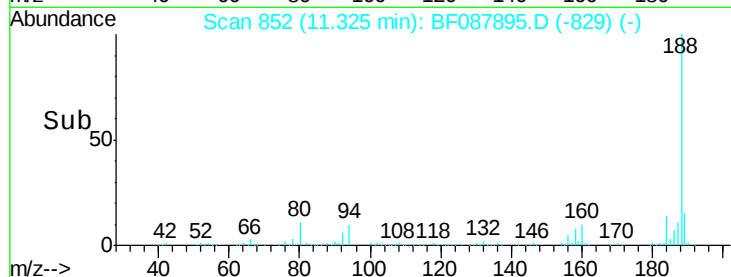
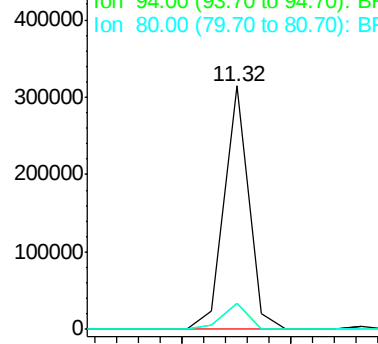
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tot Ion:188 Resp: 245843
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 10.8 10.0 15.0

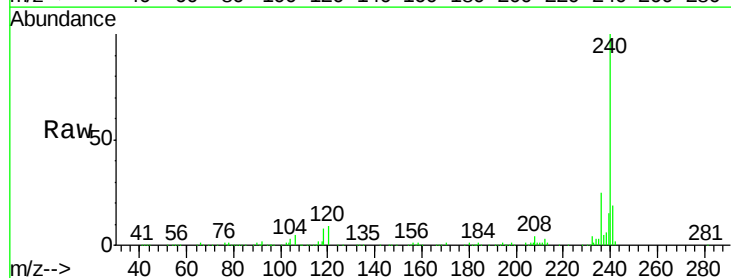


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

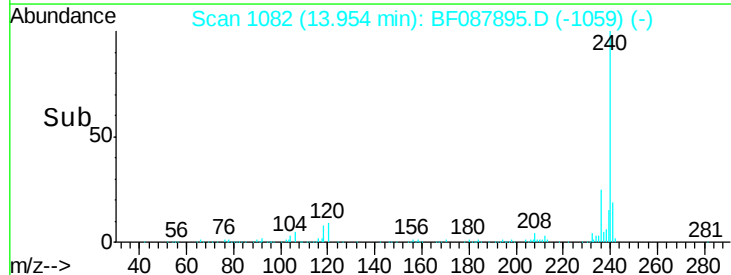
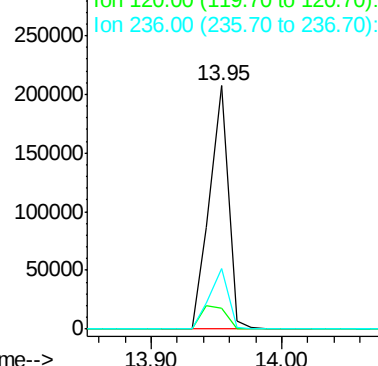


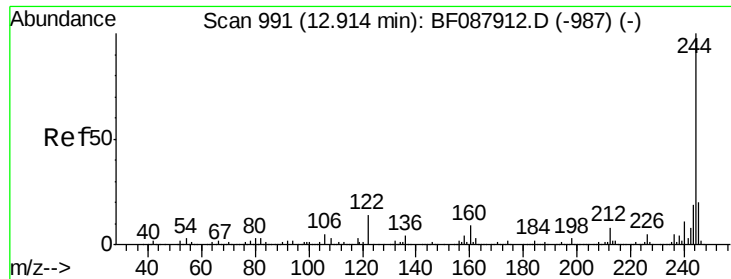
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:240 Resp: 208176
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

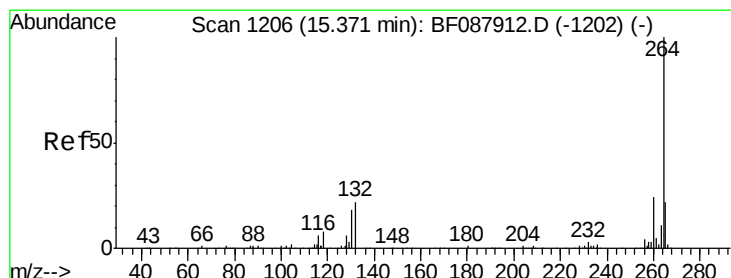
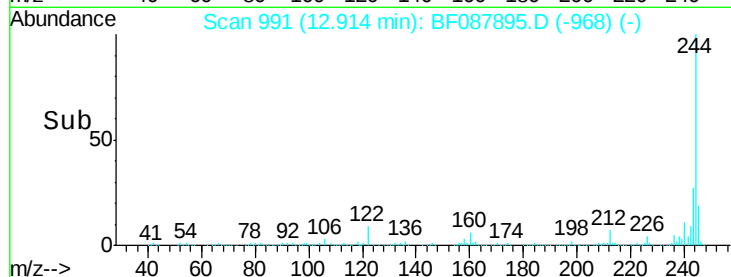
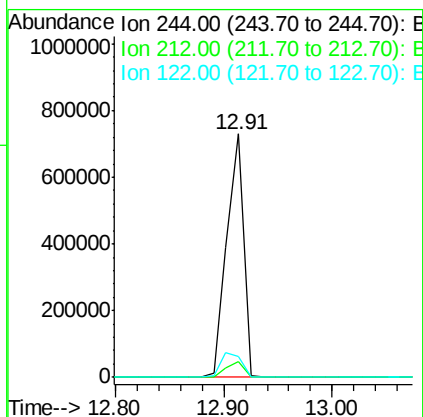
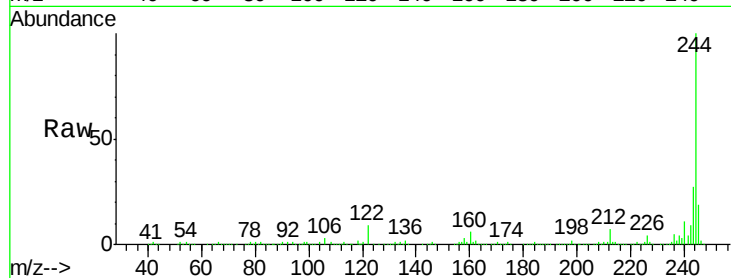




#78
 Terphenyl-d14
 Concen: 85.54 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087895.D
 Acq: 11 Jun 2016 1:58

Instrument :
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 W-17

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	8.7	11.2	16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087895.D
 Acq: 11 Jun 2016 1:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.9	25.3

